IN THE CLAIMS

--60. (Currently Amended) A method of encrypting information to generate encrypted data and recording the encrypted data onto a recording medium, comprising the steps of:

generating an encryption key based on key data which is recorded to one or more predetermined regions on the same surface as the encrypted data and determined from a wobbling frequency of said recording medium yet is not part of said encrypted data; and

encrypting the information based on said encryption key.--

--61. (Currently Amended) An apparatus for encrypting information to generate encrypted data and recording the encrypted data onto a recording medium, comprising:

means for generating an encryption key based on key data which is recorded to one or more predetermined regions on the same surface as the encrypted data and determined from a wobbling frequency of said recording medium yet is not part of said encrypted data; and

means for encrypting the information based on said encryption key.--

--62. (Currently Amended) A method of recording information on a recording medium, comprising the steps of:

receiving said information in the form of encrypted data which represents said information, said encrypted data having been generated through the use of an encryption key, wherein said encryption key is based on key data which is recorded to one or more

predetermined regions on the same surface as the encrypted data and determined from a wobbling frequency of said recording medium yet is not part of said encrypted data; and

recording said received encrypted data on said recording medium.--

--63. (Previously Presented) The method according to claim 62, wherein said key data includes the wobbling frequency of a wobbled pre-groove and/or wobbled land portion of said recording medium.--

--64. (Previously Presented) The method according to claim 63, further comprising the steps of generating a file indicative of one or more positions on said recording medium and recording said file on said recording medium; wherein the frequency of at least one wobbled pre-groove and/or at least one wobbled land portion located at said positions is used as said key data.--

--65. (Previously Presented) A method of encrypting information to generate encrypted data and recording the encrypted data onto a recording medium, comprising the steps of:

generating an encryption key based on key data which is recorded to predetermined regions on the same surface as the encrypted data and determined from said recording medium yet is not part of said encrypted data; and

encrypting the information based on said encryption key;

wherein said key data is random data which has been inserted in-between said encrypted data at predetermined positions.--

--66. (Previously Presented) The method according to claim 65, further comprising the steps of:

generating a file indicative of a predetermined portion of said random data; and

recording said file on said recording medium.--

--67. (Previously Presented) The method according to claim 65, wherein said random data is recorded on said recording medium as a normal file according to the ISO9660 standard.--

--68. (Previously Presented) The method according to claim 65, wherein said random data is recorded on said recording medium as an interleaved file.--

--69. (Previously Presented) The method according to claim 65, wherein said random data is recorded on said recording medium as a multi extent file.--

--70. (Previously Presented) The method according to claim 65, wherein said random data is recorded in a pre gap area of a file according to the ISO9660 standard.--

--71. (Previously Presented) The method according to claim 65, wherein said random data is recorded in a system area of a file according to the ISO9660 standard.--

--72. (Previously Presented) The method according to claim 65, wherein said random data is recorded in an application area of a primary volume descriptor of a file according to the ISO9660 standard.--

--73. (Previously Presented) The method according to claim 65, wherein said random data is recorded on a surface of said recording medium.--

--74. (Currently Amended) The method according to claim 65, wherein said random data is data selected from a predetermined portion of a random file ~~generated by a pseudo random generator~~.--

--75. (Previously Presented) The method according to claim 74, further comprising the steps of:

generating a file indicative of said predetermined portion of said random file; and

recording said file and said random file on said recording medium.—

--76. (Previously Presented) An apparatus for encrypting information to generate encrypted data and recording the encrypted data onto a recording medium, comprising:

means for generating an encryption key based on key data which is recorded to predetermined regions on the same surface as the encrypted data and determined from said recording medium yet is not part of said encrypted data; and

means for encrypting the information based on said encryption key;

wherein said key data is random data which has been inserted in-between said encrypted data at predetermined positions.—

--77. (Previously Presented) The apparatus according to claim 76, further comprising:

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means for generating a file indicative of a predetermined portion of said random data, and recording said file on said recording medium.--

--78. (Previously Presented) The method according to claim 76, wherein said random data is recorded on said recording medium as a normal file according to the ISO9660 standard.--

--79. (Previously Presented) A method of recording information on a recording medium, comprising the steps of:

receiving said information in the form of encrypted data which represents said information, said encrypted data having been generated through the use of an encryption key, wherein said encryption key is based on random data which has been recorded to predetermined regions on the same surface as the encrypted data and inserted in-between said encrypted data yet is not part of said encrypted data; and

recording said received encrypted data on said recording medium.--

--80. (Previously Presented) The method according to claim 79, wherein a file of said encrypted data and a file indicative of a predetermined portion of said random data are recorded on said recording medium.--

--81. (Currently Amended) The method according to claim 79, wherein said random data is data selected from a predetermined portion of a random file ~~generated by a pseudo random generator~~.--

--82. (Previously Presented) The method according to claim 81, further comprising the steps of:

generating a file indicative of said predetermined portion of said random file; and

recording said file and said random file on said recording medium.--

--83. (Previously Presented) The method according to claim 79, wherein said random data is recorded on said recording medium as a normal file according to the ISO9660 standard.--

--84. (Currently Amended) A method of recording information on a recording medium, comprising the steps of:

receiving said information in the form of encrypted data which represents said information, said encrypted data having been generated through the use of an encryption key, wherein said encryption key is based on random data which has been inserted in-between said

encrypted data ~~has been~~ and recorded to the surface of said recording medium and which is not part of said encrypted data; and

recording said received encrypted data on said recording medium.--

--85. (Previously Presented) A method of decrypting encrypted data that has been recorded on a recording medium, comprising the steps of:

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reproducing a first file from said recording medium, said first file containing said encrypted data, wherein said encrypted data has been encrypted by an encryption key and said encryption key is based on random data which has been recorded to predetermined regions on the same surface as the encrypted data and inserted in-between said encrypted data yet is not part of said encrypted data;

reproducing a second file containing data indicative of a predetermined portion of said random data which has been recorded to and inserted into said encrypted data;

detecting random data within said encrypted data according to said second file;

generating a decryption key based on said detected random data; and

decrypting said encrypted data of said reproduced first file by using said decryption key.--

--86. (Currently Amended) A method of decrypting encrypted data that has been recorded on a recording medium, comprising the steps of:

reproducing a first file from said recording medium, said first file which was recorded to predetermined regions on the same surface as the encrypted data on said recording medium and containing said encrypted data, wherein said encrypted data has been encrypted by

an encryption key and said encryption key is based on random data selected from a predetermined portion of a random file~~, said random file being generated by a pseudo random data generator~~;

reproducing said random file from said recording medium

reproducing a second file from said recording medium, said second file containing data indicative of said predetermined portion of said random file;

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generating a decryption key based on said random data as obtained from said random file according to said second file; and

decrypting said encrypted data of said reproduced first file by using said decryption key.--

--87. (Currently Amended) An apparatus for decrypting encrypted data that has been recorded on a recording medium, comprising:

means for reproducing a first file from said recording medium, said first file containing said encrypted data, wherein said encrypted data has been encrypted by an encryption key and said encryption key is based on random data which has been recorded on one or more predetermined regions on the same surface as the encrypted data on said recording medium and which is not encrypted and which is inserted in-between said encrypted data yet is not part of said encrypted data; and for reproducing a second file containing data indicative of a predetermined portion of said random data which has been inserted into said encrypted data;

means for detecting random data within said encrypted data according to said second file;

means for generating a decryption key based on said detected random data; and

means for decrypting said encrypted data of said reproduced first file by using said decryption key.--

--88. (Currently Amended) An apparatus for decrypting encrypted data that has been recorded on a recording medium, comprising:

means for reproducing a first file from said recording medium, said first file containing said encrypted data, wherein said encrypted data has been encrypted by an encryption key and said encryption key is based on random data recorded on said recording medium on one or more predetermined regions on the same surface as the encrypted data and which is not encrypted and which is selected from a predetermined portion of a random file~~, said random file being generated by a pseudo random data generator~~; for reproducing said random file from said recording medium; and for reproducing a second file from said recording medium, said second file containing data indicative of said predetermined portion of said random file;

means for generating a decryption key based on said random data as obtained from said random file according to said second file; and

means for decrypting said encrypted data of said reproduced first file by using said decryption key.--

--89. (Currently Amended) A recording medium comprising:

a storage area for storing data;

encrypted data and random data recorded therein for use in the encryption of data, said encrypted data having been encrypted according to an encryption key which is based on said

random data which ~~was recorded on~~ has been inserted in-between said encrypted data at predetermined regions on the same surface as the encrypted data on said storage area.--

--90. (Previously Presented) The recording medium according to claim 89, further comprising data indicative of a predetermined portion of said random data.--

--91. (Previously Presented) A recording medium comprising:

a storage area for storing data; and

encrypted data stored therein for use in the encryption of data, said encrypted data having been encrypted according to an encryption key which is based on the wobbling frequency of one or more predetermined portions of said recording medium.--

--92. (Previously Presented) The recording medium according to claim 91, further comprising data indicative of said one or more predetermined portions of said recording medium.--

--93. (Currently Amended) A recording medium comprising:

a storage area for storing data; and

encrypted data and random data stored therein, said encrypted data having been encrypted according to an encryption key which is based on said random data, and wherein said random data is selected from a predetermined portion of a random file ~~which is generated by a pseudo random generator~~ and was recorded on one or more predetermined regions on the same surface as the encrypted data on said storage area.--

--94. (Previously Presented) The recording medium according to claim 93, further comprising stored therein data indicative of the portion of said random file corresponding to said random data.--

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--95. (Currently Amended) A recording medium comprising:

a storage area for storing data; and

encrypted data stored therein, said encrypted data having been encrypted by using a second encryption key, wherein said second encryption key is generated based on a first encryption and a third encryption key, said first encryption key which being based on key data which is recorded on one or more predetermined regions on the same surface as the encrypted data and determined from a wobbling frequency of said recording medium having recorded data therein yet is not part of said encrypted data, and said third encryption key being independent of said first encryption key.--